

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)
2. (Cancelled)
3. (Currently amended) The reusable composite film of claim 15 +wherein said split upper seam portion and said lower seam portion form a craze that tapers off from said top surface to said bottom surface of said packaging film when pressure is exerted on said bottom surface in thickness direction.
4. (Currently amended) The reusable composite film of claim 15 +wherein said resilient and nontoxic material is selected from the group consisting of acrylic resins, polyester, polyethylene (PE), polypropylene (PP), copolymer of PE and PP, ethylene-styrene copolymer (ES), cyclo olefin, polyethylene terephthalate (PE), ethylenevinyl alcohol (EVOH), polyvinyl alcohol (PVA), ethylene-vinyl acetate (EVA), ethylene/methacrylic acid (E/MAA) ionomer, Nylon, polyethylene naphthalate (PEN), poly ether ether ketone (PEEK), polycarbonate (PC), polysulfone, polyimide (PI), polyacrylonitrile (PAN), styrene acrylonitrile (SAN), polyurethane (PU), and any combinations thereof.
5. (Currently amended) The reusable composite film of claim 15 +wherein said sealing layer is made from fatty acids or their derivatives, starch, amyloid materials or their derivatives, lipids, oleaginous materials, wetting agents, or waxes.
6. (Currently amended) The reusable composite film of claim 15 +wherein the said micro-gaps are formed using an impression process, which is performed after said sealing layer is formed on said composite layer.
7. (Currently amended) The reusable composite film of claim 15 +wherein said composite film is jointed to a reclosable zipper, and wherein said pre-selected area is adjacent to said reclosable zipper.

8. (Currently amended) The reusable composite film of claim 15 ~~+~~ further comprises oxygen scavenger for preventing oxygen from permeating through the composite film.

9. (Currently amended) The reusable composite film of claim 15 ~~+~~ wherein said micro-gaps have an average gap length of about 0.1 μm ~500 μm .

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (New) A reusable composite film comprising:

a composite layer of resilient and nontoxic material having a thickness between a top surface and a bottom surface;

a sealing layer coated onto the top surface of the composite layer; and

a plurality of micro-gaps distributed within at least a pre-selected area of the composite layer, wherein each of the micro-gaps traverses the thickness of the composite layer from the bottom surface to the top surface, wherein in a static state with no pressure exerted on the composite layer, each of the micro-gaps is in a normally closed condition to prevent air permeation through the composite layer, each of the micro-gaps comprising a split upper seam portion with edge ridges demonstrated on the top surface of the composite film and a close lower seam portion on the bottom surface of the composite layer in communication with the split upper seam,

wherein the sealing layer coated onto the top surface of the composite layer at least in the pre-selected area on the composite layer holds the plurality of micro-gaps in the normally closed condition to prevent air and water permeation through the micro-gaps,

wherein when pressure and heat are exerted on the bottom surface of the composite layer in the thickness direction, the initially closed lower seam portions

become split and the sealing layer separates from the composite layer without fracturing to allow the split upper seam portion to expand to facilitate pressure regulation,

wherein when pressure and heat is removed from the bottom surface of the composite layer, the sealing layer re-seals to the top surface of the composite layer and the plurality of micro-gaps return to the normally closed condition to prevent air permeation through the composite layer such that the composite film can be reused to regulate another increase of pressure exerted against the bottom surface of the composite layer in the thickness direction.